

Distribution, Status, and Ecological Stressors of Kauai Bird Species of Special Concern

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The Kauai surveys showed that the Akikiki, a candidate species for listing under the ESA, has declined precipitously over the past 2 decades. Photo by Jack Jeffrey.



Objectives:

- ☆ Document numbers, range, and population trends of native birds in their last remaining habitat on Kauai
- ☆ Document patterns of expansion in exotic birds in native forest habitat

Accomplishments:

- ☆ Established and censused 35 new transects in the Alakai region
- ☆ Resurveyed 6 historical transects located in central Alakai
- ☆ Examined trends over time in range and abundance of 13 forest birds

Significance:

- ☆ First-ever systematic census of entire Alakai region (~100 km²) using detection-based methods
- ☆ Documented patterns of native species declines and exotic species expansions within this significant protected area